1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 31025-83-9/rn
L3            1 31025-83-9/RN

=> d

L3   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   31025-83-9  REGISTRY
CN   4,8-Decadienylamine, N-isopropylidene-1,5,9-trimethyl-, (E)- (8CI)  (CA
     INDEX NAME)
FS   STEREOSEARCH
MF   C16 H29 N
LC   STN Files:   CA, CAPLUS
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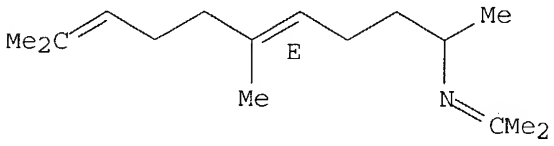
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 352311-16-1/rn
L4            1 352311-16-1/RN

=> d

L4   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   352311-16-1  REGISTRY
CN   4-Penten-1-amine, N-(1-methylethylidene)- (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C8 H15 N
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT
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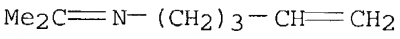

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 161300-04-5/rn
L1            1 161300-04-5/RN

=> d

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   161300-04-5  REGISTRY
CN   1-Penten-3-ol, 3-methyl-5-[(1-methylethylidene)amino]- (9CI)  (CA INDEX
     NAME)
FS   3D CONCORD
MF   C9 H17 N O
SR   CA
LC   STN Files:   CA, CAPLUS
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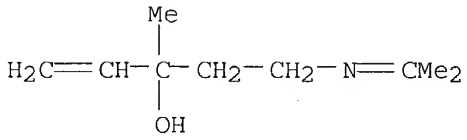

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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> s 126385-60-2/rn
L2            1 126385-60-2/RN

=> d

L2   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   126385-60-2  REGISTRY
CN   4-Dodecenoic acid, 2-[(diphenylmethylene)amino]-4-(1-methylethenyl)-,
     methyl ester, (E)- (9CI)  (CA INDEX NAME)
FS   STEREOSEARCH
MF   C29 H37 N O2
SR   CA
LC   STN Files:   BEILSTEIN*, CA, CAPLUS, CASREACT
         (*File contains numerically searchable property data)

Double bond geometry as shown.
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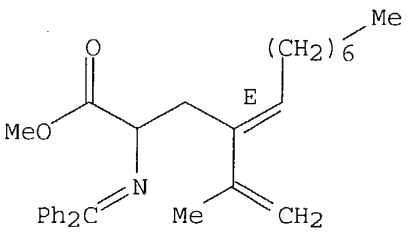

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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              1 REFERENCES IN FILE CA (1907 TO DATE)
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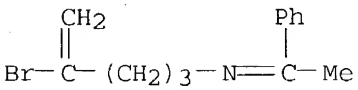
10/687,208

STN STRUCTURE SEARCH
4.23-04

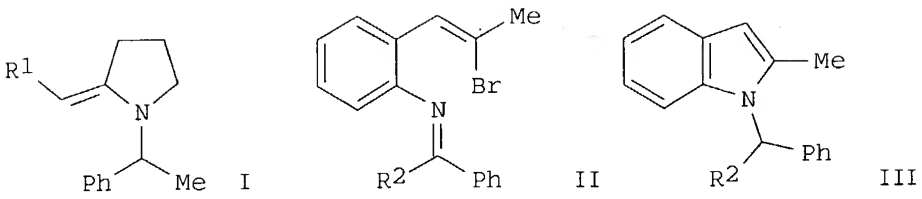
=> d ibib abs hitstr 1-21

L4 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:827748 CAPLUS
DOCUMENT NUMBER: 140:59492
TITLE: Free radical-mediated vinyl amination: a mild, general pyrrolidinyl enamine synthesis
AUTHOR(S): Nugent, Benjamin M.; Williams, Amie L.; Prabhakaran, E. N.; Johnston, Jeffrey N.
CORPORATE SOURCE: Department of Chemistry, Indiana University, Bloomington, IN, 47405-7102, USA
SOURCE: Tetrahedron (2003), 59(45), 8877-8888
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The complete scope of free radical-mediated vinyl amination is described, using 5-exo-trig cyclizations of vinyl radicals to the nitrogen of azomethines. The focus is primarily on N,N-dialkyl enamines since their nucleophilicity renders them the most challenging enamines to synthesize using redox conditions. These studies establish several encouraging precedents for the broader application of this strategy. For example, the cyclization of (1R,2R)-rel-2-(2-bromo-2-propenyl)-N-(diphenylmethylene)cyclohexanamine gave (2E)-rel-2-[(3aR,7aR)-1-(diphenylmethyl)octahydro-2H-indol-2-ylidene]-1-phenylethanone.
IT **484027-11-4**, 4-Bromo-N-(1-phenylethylidene)-4-penten-1-amine
RL: RCT (Reactant); RACT (Reactant or reagent)
(free radical-mediated vinyl amination as mild, general pyrrolidinyl enamine synthesis)
RN 484027-11-4 CAPLUS
CN 4-Penten-1-amine, 4-bromo-N-(1-phenylethylidene)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:838269 CAPLUS
DOCUMENT NUMBER: 138:89646
TITLE: Free Radical-Mediated Vinyl Amination: Access to N,N-Dialkyl Enamines and Their β-Stannyl and β-Thio Derivatives
AUTHOR(S): Prabhakaran, Erode N.; Nugent, Benjamin M.; Williams, Amie L.; Nailor, Kristen E.; Johnston, Jeffrey N.
CORPORATE SOURCE: Department of Chemistry, Indiana University, Bloomington, IN, 47405-7102, USA
SOURCE: Organic Letters (2002), 4(24), 4197-4200
CODEN: ORLEF7; ISSN: 1523-7060
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 138:89646
GI

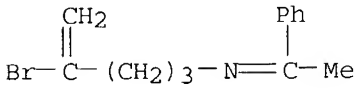


AB Vinyl pyrrolidines, e.g. I (R1 = MeCO, Me3CO, PhCO, PhO2C, PhS), were stereoselectively prepared from the corresponding bromoalkenyl or alkynyl ketimines, e.g. HC.tplbond.C(CH2)3N:CMePh, by intramol. free radical-mediated vinyl amination via nonconventional vinyl radical addition to azomethine nitrogen followed by trapping with acyl halides, chloroformates, etc. Similar reaction of N-aryl ketimines II (R2 = Me, Ph) gave disubstituted indoles III in moderate yields. This new vinyl amination protocol is mild and provides convenient synthetic access to nonstabilized N,N-dialkyl enamines and tandem bond-forming processes.

IT **484027-11-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of dialkyl enamines, indoles, and isoindoles via free radical-mediated intramol. vinyl amination of bromoalkenyl or alkynyl ketimines)

RN 484027-11-4 CAPLUS

CN 4-Penten-1-amine, 4-bromo-N-(1-phenylethylidene)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:910846 CAPLUS

DOCUMENT NUMBER: 136:310006

TITLE: Synthesis of new (σ2-N,N'-diazadiene)(η2-alkene)platinum(0) compounds

AUTHOR(S): Tromp, Dorette S.; Duin, Marcel A.; Kluwer, Alexander M.; Elsevier, Cornelis J.

CORPORATE SOURCE: Coordination and Organometallic Chemistry, Universiteit van Amsterdam, Institute of Molecular Chemistry, Amsterdam, 1018 WV, Neth.

SOURCE: Inorganica Chimica Acta (2002), 327, 90-97
CODEN: ICHAA3; ISSN: 0020-1693

PUBLISHER: Elsevier Science S.A.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 136:310006

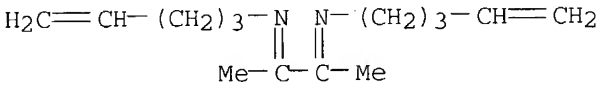
AB Novel, thermally stable, dark-red to orange Pt0(σ2-N,N'-diazadiene)(η2-alkene) compds. were synthesized in good yields from Pt(COD)2 or Pt(NBE)3, by stepwise substitution of the resp. dienes or alkenes by an electron-poor alkene (di-Me fumarate, maleic anhydride or fumaronitrile), followed by the appropriate diazadiene ligand in dry Et2O at 20° (diazadiene = various N,N'-disubstitued-1,4-diaza-1,3-dienes). The complex Pt(DBA)2 is less suited as a precursor for the synthesis of Pt0(σ2-N,N'-diazadiene)(η2-alkene) compds., e.g., [σ2-(i-PrN:CHCH:NPr-i)]Pt[η2-(E)-MeO2CCH:CHCO2Me]. These

zerovalent Pt(diazadiene)(η2-alkene) compds. constitute a useful category of starting materials for synthetic organoplatinum chemical and catalysis.

IT **411208-75-8P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and addition reaction with platinum alkene complex)

RN 411208-75-8 CAPLUS

CN 4-Penten-1-amine, N,N'-(1,2-dimethyl-1,2-ethanediylidene)bis- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:412580 CAPLUS

DOCUMENT NUMBER: 135:152700

TITLE: Enamide-Olefin Ring-Closing Metathesis

AUTHOR(S): Kinderman, Sape S.; van Maarseveen, Jan H.; Schoemaker, Hans E.; Hiemstra, Henk; Rutjes, Floris P. J. T.

CORPORATE SOURCE: Institute of Molecular Chemistry, University of Amsterdam, Amsterdam, 1018 WS, Neth.

SOURCE: Organic Letters (2001), 3(13), 2045-2048
CODEN: ORLEF7; ISSN: 1523-7060

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

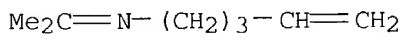
OTHER SOURCE(S): CASREACT 135:152700

AB The first examples of ring-closing metathesis reactions of olefin-containing enamides using ruthenium-based catalysts have been demonstrated. A preliminary investigation into the scope and limitations, leading to protected five- and six-membered cyclic enamides, is presented. E.g., ring-closing metathesis reaction of CH2:CHNTsCH2CH2CH:CH2 gave 84% 1-tosyl-2,3-dihydropyrrole.

IT **352311-16-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(ring-closing metathesis reactions of olefin-containing enamides)

RN 352311-16-1 CAPLUS

CN 4-Penten-1-amine, N-(1-methylethylidene)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:787797 CAPLUS

DOCUMENT NUMBER: 134:71856

TITLE: Synthesis of phosphonic analogues of 4-hydroxyproline and 5-hydroxypipecolic acid

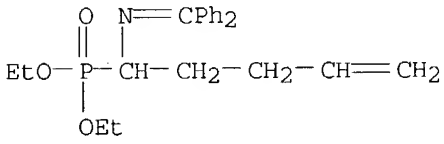
AUTHOR(S): El Khalabi, R.; El Hallaoui, A.; Ouazzani, F.; Elachqar, A.; Atmani, A.; Roumestant, M. L.; Viallefont, Ph.; Martinez, J.

CORPORATE SOURCE: Laboratoire de Chimie Organique Faculte des Sciences Dhar El Mehraz Universite Sidi Mohamed ben Abdellah, Fes, Morocco
SOURCE: Preparative Biochemistry & Biotechnology (2000), 30(4), 295-304
CODEN: PBBIF4; ISSN: 1082-6068
PUBLISHER: Marcel Dekker, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:71856

AB The synthesis of phosphonic analogs of 4-hydroxyproline and 5-hydroxypipecolic acid is described.

IT **316166-49-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of phosphonic analogs of (hydroxy)proline and (hydroxy)pipecolic acid)

RN 316166-49-1 CAPLUS
CN Phosphonic acid, [1-[(diphenylmethylene)amino]-4-pentenyl]-, diethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

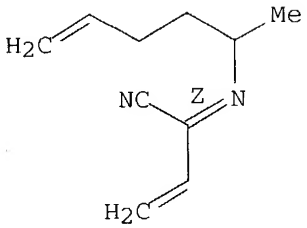
L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1999:621503 CAPLUS
DOCUMENT NUMBER: 132:12281
TITLE: Lewis acid catalysis of the intramolecular Diels-Alder reaction of 1-azadienes
AUTHOR(S): Motorina, Irina A.; Grierson, David S.
CORPORATE SOURCE: Institute de Chimie des Substances Naturelles, C.N.R.S., Gif-sur-Yvette, 91198, Fr.
SOURCE: Tetrahedron Letters (1999), 40(40), 7215-7218
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:12281

AB Copper(II) trifluoromethanesulfonate, its chiral bisoxazoline complex, and bismuth(III) chloride efficiently catalyze the intramol. cycloaddn. reactions of N-vinyloxypropyl-2-cyano-1-azadienes. Both the scope of this process and the reaction conditions were studied.

IT **251344-10-2**
RL: RCT (Reactant); RACT (Reactant or reagent)
(Lewis acid-catalyzed intramol. Diels-Alder reaction of azadienes)

RN 251344-10-2 CAPLUS
CN 3-Butenenitrile, 2-[(1-methyl-4-pentenyl)imino]-, (2Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



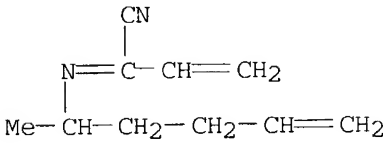
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1997:223973 CAPLUS
DOCUMENT NUMBER: 126:212017
TITLE: Intramolecular Diels-Alder Reaction of 2-Cyano-1-aza-1,3-butadienes
AUTHOR(S): Sisti, Nicholas J.; Zeller, Emmanuel; Grierson, David S.; Fowler, Frank W.
CORPORATE SOURCE: Department of Chemistry, State University at New York, Stony Brook, NY, 11794, USA
SOURCE: Journal of Organic Chemistry (1997), 62(7), 2093-2097
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 126:212017

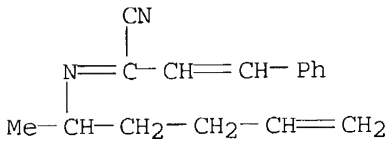
AB It has been demonstrated that a 2-cyano substituent is sufficient to activate 1-aza-1,3-butadienes with respect to the intramol. Diels-Alder reaction. This reaction is successful for the preparation of the indolizine and quinolizine ring systems. The stereochem. of the isomeric products was assigned by a careful anal. of their NMR spectral data.

IT **187977-63-5P 188015-11-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intramol. Diels-Alder reaction of 2-cyano-1-aza-1,3-butadienes)

RN 187977-63-5 CAPLUS
CN 3-Butenenitrile, 2-[(1-methyl-4-pentenyl)imino]- (9CI) (CA INDEX NAME)

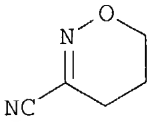


RN 188015-11-4 CAPLUS
CN 3-Butenenitrile, 2-[(1-methyl-4-pentenyl)imino]-4-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:218550 CAPLUS
DOCUMENT NUMBER: 126:211653
TITLE: Intramolecular Diels-Alder Reaction of N-Alkyl-2-cyano-1-azadienes: A Study of the Eschenmoser Cycloreversion of Dihydrooxazines as a Route to N-Alkyl-2-cyano-1-azadienes
AUTHOR(S): Motorina, Irina A.; Fowler, Frank W.; Grierson, David S.
CORPORATE SOURCE: Institut de Chimie des Substances Naturelles, Gif-sur Yvette, 91198, Fr.
SOURCE: Journal of Organic Chemistry (1997), 62(7), 2098-2105
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



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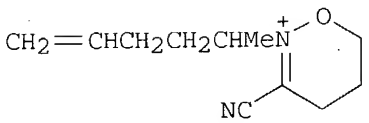

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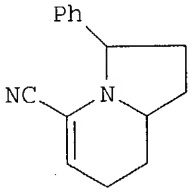
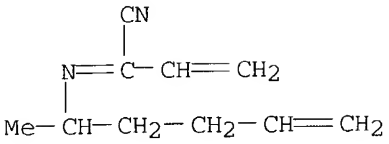


IV

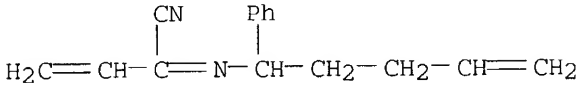
AB In connection with the development of the intramol. Diels-Alder reaction (IMDA) of 1-azadienes, the 5,6-dihydro-4H-1,2-oxazine I has been evaluated as a synthon equivalent of the 2-cyano-1-azadiene system. The dihydrooxazonium salt II, generated in situ from the cyclic hydroxamic acid derivative, is converted directly to azadiene CH2:CHCH2CH2CHMeN:C(CN)CH:CH2 (III) via tautomerization to the corresponding enamine and a particularly facile Eschenmoser-type cycloreversion process. Conditions were subsequently found for the preparation of synthon I. N-Alkylation of this intermediate with alkyl bromides in the presence of Ag+ ion also resulted in direct formation of 2-cyano-1-azadiene products. Microwave irradiation of a benzene solution of III proved to be a convenient means to effect its IMDA conversion to an indolizidine. To avoid decomposition of one azadiene, its intramol. cycloaddn. to indolizidine IV (60%) was achieved by flash vacuum thermolysis.

IT **187977-63-5P 187977-65-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intramol. Diels-Alder reaction of N-alkyl-2-cyano-1-azadienes and Eschenmoser cycloreversion of dihydrooxazines as route to N-alkyl-2-cyano-1-azadienes)

RN 187977-63-5 CAPLUS
CN 3-Butenenitrile, 2-[(1-methyl-4-pentenyl)imino]- (9CI) (CA INDEX NAME)



RN 187977-65-7 CAPLUS
CN 3-Butenenitrile, 2-[(1-phenyl-4-pentenyl)imino]- (9CI) (CA INDEX NAME)



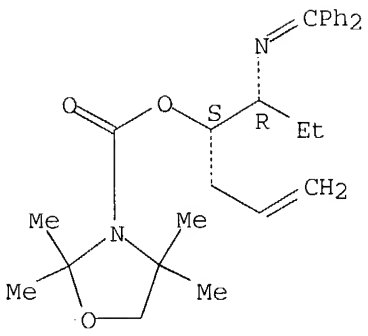
L4 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1997:118815 CAPLUS
DOCUMENT NUMBER: 126:211860
TITLE: Stereoselective synthesis of enantiopure β-amino alcohols via nucleophilic β-amino-α-hydroxyalkylation by 1-lithiated 2-[N-(diphenylmethylenamino)]alkyl carbamates
AUTHOR(S): Boie, Christiane; Hoppe, Dieter
CORPORATE SOURCE: Organisch-Chemisches Institut, Universitaet Muenster, Muenster, D-48149, Germany
SOURCE: Synthesis (1997), (2), 176-182
CODEN: SYNTBF; ISSN: 0039-7881
PUBLISHER: Thieme
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 126:211860

AB 2-[N-(diphenylmethylenamino)]alkyl carbamates are deprotonated by sec-BuLi in the presence of TMEDA or (-)-sparteine and the diastereomeric pairs of the α-oxycarbanions formed are substituted by several electrophiles. Deprotection proceeds smoothly to yield chain-elongated β-amino alcs. Side-reactions due to nucleophilic attack of the alkyllithium at an aryl ring of the benzophenone imine were observed under certain reaction conditions.

IT **188125-91-9P 188125-94-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of amino alcs. via asym. aminohydroxyalkylation by lithiated (methylenamino)alkyl carbamates)

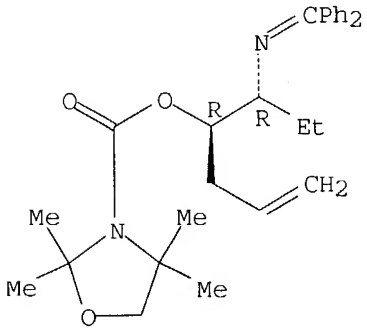
RN 188125-91-9 CAPLUS
CN 3-Oxazolidinecarboxylic acid, 2,2,4,4-tetramethyl-, 1-[1-[(diphenylmethylene)amino]propyl]-3-butenyl ester, [S-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 188125-94-2 CAPLUS
CN 3-Oxazolidinecarboxylic acid, 2,2,4,4-tetramethyl-, 1-[1-[(diphenylmethylene)amino]propyl]-3-butenyl ester, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



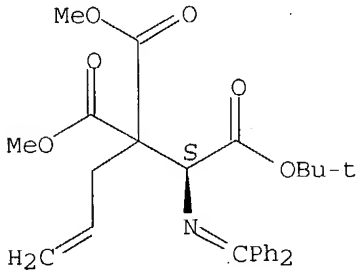
L4 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1996:215505 CAPLUS
DOCUMENT NUMBER: 125:11391
TITLE: Preparation of optically active β-carboxyaspartic acid derivatives via Pd(0)-catalyzed asymmetric substitution of Schiff base acetates
AUTHOR(S): O'Donnell, Martin J.; Zhou, Changyou; Chen, Ning
CORPORATE SOURCE: Dep. Chem., Indiana Univ.-Purdue Univ. Indianapolis, Indianapolis, IN, 46202, USA
SOURCE: Tetrahedron: Asymmetry (1996), 7(3), 621-4
CODEN: TASYE3; ISSN: 0957-4166
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:11391

AB (S)-Ph2C:NCH(CO2CMe3)CR(CO2Me)2 (I, R = H) (77% ee) was obtained in 48% total yield from the coupling of Ph2C:NCH(OAc)1CO2CMe3 with sodium di-Me malonate in the presence of 5% Pd(OAc)2-(2S,4S)-BPPM followed by a single recrystn. Phase-transfer catalyzed alkylation of I (R = H) affords I [R = Me, allyl, CH2Ph] in excellent yield without racemization at the α-carbon.

IT **176965-35-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of optically active β-carboxyaspartic acid derivs. via Pd(0)-catalyzed asym. substitution of Schiff base acetates)

RN 176965-35-8 CAPLUS
CN 4-Pentene-1,2,2-tricarboxylic acid, 1-[(diphenylmethylene)amino]-, 1-(1,1-dimethylethyl) 2,2-dimethyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



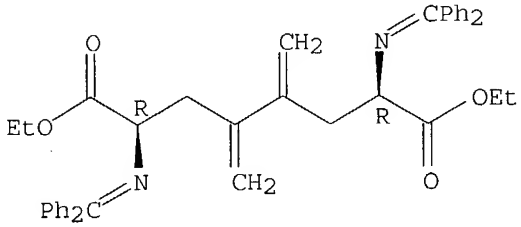
L4 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:870809 CAPLUS
DOCUMENT NUMBER: 124:56615
TITLE: Synthesis of bis(α-amino acids) by palladium-catalyzed allylic double substitution
AUTHOR(S): Mazon, Angel; Najera, Carmen; Ezquerra, Jesus; Pedregal, Concepcion
CORPORATE SOURCE: Facultad Ciencias, Universidad Alicante, Alicante, 03080, Spain
SOURCE: Tetrahedron Letters (1995), 36(42), 7697-700
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 124:56615

AB The reaction of the lithium enolate derived from glycine Et ester benzophenone imine with allylic dihalides in the presence of a catalytic amount of Pd(PPh3)4 (5 mol %) affords the corresponding bis(imino esters). Subsequent hydrolysis of the bis(imino esters) gives the corresponding bis(α-amino acids). This methodol. has been used to synthesize α,α'-diaminosuberic acid.

IT **172169-40-3P 172169-41-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(synthesis of bis(amino acids) by palladium-catalyzed alkylation of glycine ester benzophenonimine with allylic dihalides)

RN 172169-40-3 CAPLUS
CN Octanedioic acid, 2,7-bis[(diphenylmethylene)amino]-4,5-bis(methylene)-, diethyl ester, (R*,R*)- (9CI) (CA INDEX NAME)

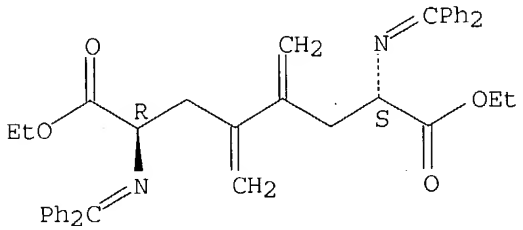
Relative stereochemistry.



RN 172169-41-4 CAPLUS

CN Octanedioic acid, 2,7-bis[(diphenylmethylene)amino]-4,5-bis(methylene)-, diethyl ester, (R*,S*)- (9CI) (CA INDEX NAME)

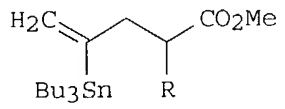
Relative stereochemistry.



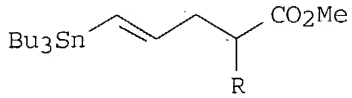
L4 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER:	1995:567182 CAPLUS
DOCUMENT NUMBER:	123:199338
TITLE:	Accelerated transmetallation in Stille couplings effected by chelation to the palladium
AUTHOR(S):	Crisp, Geoffrey T.; Gebauer, Markus G.
CORPORATE SOURCE:	Dep. Chem., Univ. Adelaide, Adelaide, 5005, Australia
SOURCE:	Tetrahedron Letters (1995), 36(19), 3389-92 CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER:	Elsevier
DOCUMENT TYPE:	Journal
LANGUAGE:	English
OTHER SOURCE(S):	CASREACT 123:199338

GI



I



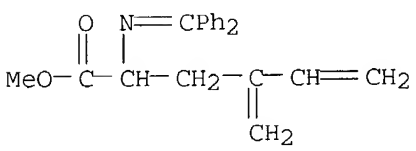
II

AB The relative reactivities of vinylstannanes I and II (R = N:CPh2, NHAc) in a Stille coupling with vinyl bromide were studied under a variety of conditions. Vinyl bromide coupled with the sterically hindered vinylstannane I (R = N:CPh2) preferentially compared to the less hindered stannane II (R = N;CPh2) when PdCl2(MeCN)2 was employed as a catalyst. Coordination of the imine protecting group nitrogen to the Pd is proposed to account for this rate acceleration.

IT **126385-55-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(accelerated transmetallation in Stille couplings effected by chelation to the palladium)

RN 126385-55-5 CAPLUS

CN 5-Hexenoic acid, 2-[(diphenylmethylene)amino]-4-methylene-, methyl ester (9CI) (CA INDEX NAME)



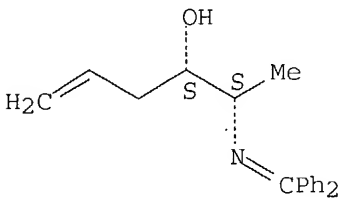
L4 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:465853 CAPLUS
DOCUMENT NUMBER: 123:9496
TITLE: Preparation of Monosilyl Acetals from Esters via iBu2AlH Reduction and Trapping with N-(Trimethylsilyl)imidazole. Addition of Allyltrimethylsilane To Yield Homoallylic Alcohols or Ethers
AUTHOR(S): Sames, Dalibor; Liu, Yunqi; DeYoung, Lynn; Polt, Robin
CORPORATE SOURCE: Department of Chemistry, University of Arizona, Tucson, AZ, 85721, USA
SOURCE: Journal of Organic Chemistry (1995), 60(7), 2153-9
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Alkyl esters were reduced with iBu2AlH or a 1:1 mixture of iBu2AlH and iBu3Al (iBu2AlH·iBu3Al or iBu5Al2H), followed by trapping of the resulting tetrahedral intermediate with TMS-imidazole to produce monosilyl acetals. Reaction of the mixed acetals with allyltrimethylsilane in the presence of Lewis acids (Hosomi-Sakurai reaction) generated homoallylic alcs. or ethers selectively, depending on the substitution of the monosilyl acetal. TMS methoxy acetals (MeO-CH-OTMS) and TMS ethoxy acetals bearing addnl. complexing groups such as MeO- or Ph2C:N- provided alcs. with 1.5:1-9:1 threoselectivity, while simple TMS ethoxy acetals provided only Et ethers as products. The monosilyl acetal configuration was easily epimerized or racemized, and the configuration of the Hosomi-Sakurai product was apparently independent of the initial monosilyl acetal reactant configuration.

IT **163625-22-7P 163625-23-8P 163625-24-9P 163625-25-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(Hosomi-Sakurai reaction of monosilyl acetals with allyltrimethylsilane)

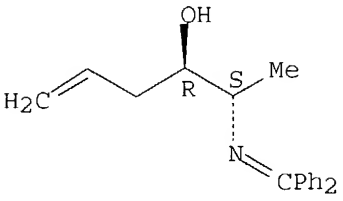
RN 163625-22-7 CAPLUS
CN 5-Hexen-3-ol, 2-[(diphenylmethylene)amino]-, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



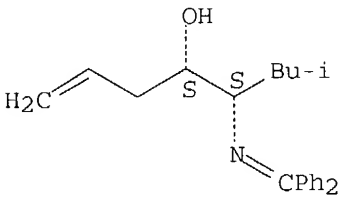
RN 163625-23-8 CAPLUS
CN 5-Hexen-3-ol, 2-[(diphenylmethylene)amino]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



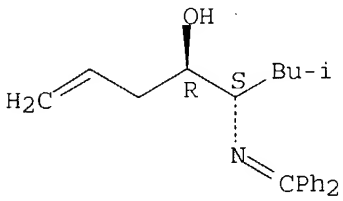
RN 163625-24-9 CAPLUS
CN 1-Octen-4-ol, 5-[(diphenylmethylene)amino]-7-methyl-, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 163625-25-0 CAPLUS
CN 1-Octen-4-ol, 5-[(diphenylmethylene)amino]-7-methyl-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:372451 CAPLUS
DOCUMENT NUMBER: 122:142010
TITLE: Sila perfumes and isosteric perfumes. 13. Isosteric compounds according to the hydride principle of Grimm in the linalool-type of odorous compounds.
AUTHOR(S): Wannagat, U.; Damrath, V.; Harder, U.
CORPORATE SOURCE: Inst. Anorganische, Technischen Univ. Braunschweig, Braunschweig, D-38106, Germany
SOURCE: Monatshefte fuer Chemie (1994), 125(11), 1159-69
CODEN: MOCMB7; ISSN: 0026-9247
PUBLISHER: Springer
DOCUMENT TYPE: Journal
LANGUAGE: German

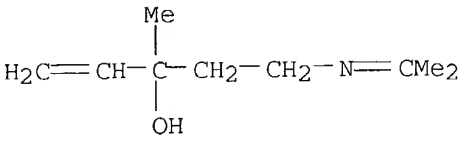
AB Substitution of the Me2CH:CH group by Me2:N in linalool as well as by the Me2CHCH2 group in linalool and in sila-linalool does not lead to noticeable changes of their scent qualities. On the contrary, substitution of the OH group at the tertiary C atom by NH2 or CH3 - hydride isosteric to OH according to Grimm - affords fishy or etheric instead of the original flowery smells thus indicating a transition to different basic classes of odor. Similar results were obtained with the

linalool-like perfumes of benzyldimethylcarbinol and phenyethyldimethylcarbinol.

IT **161300-04-5P**
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(isosteric compds. based on linalool-type of odorous compds.)

RN 161300-04-5 CAPLUS

CN 1-Penten-3-ol, 3-methyl-5-[(1-methylethylidene)amino]- (9CI) (CA INDEX NAME)



L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1992:611983 CAPLUS

DOCUMENT NUMBER: 117:211983

TITLE: Effect of various parameters on the stereoselectivity of 1,3-diene synthesis by carbopalladation of allenes

AUTHOR(S): Friess, B.; Cazes, B.; Gore, J.

CORPORATE SOURCE: ESCIL, Univ. Claude Bernard, Villeurbanne, 69622, Fr.

SOURCE: Bulletin de la Societe Chimique de France (1992), 129(3), 273-9
CODEN: BSCFAS; ISSN: 0037-8968

DOCUMENT TYPE: Journal

LANGUAGE: French

OTHER SOURCE(S): CASREACT 117:211983

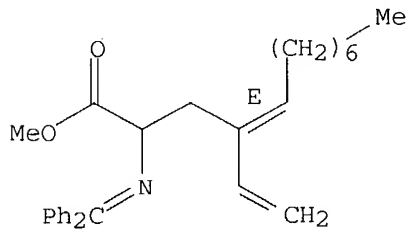
AB The effects of the temperature and of the nature of solvent, phosphine ligand and carbon nucleophile on the stereoselectivity of the palladium-catalyzed process involving 1,2-decadiene and vinyl bromide and leading to 1,3-dienes, e.g., (E)- and (Z)-CH2:CMeC(:CHR)CH2CH(CO2Et)2 (R = heptyl), have been studied. This reaction, which produces a 1:1 mixture of dienes in the conditions previously described [THF, Pd(dppe) (dppe = Ph2PCH2CH2PPh2), malonate anion] can be oriented either towards the E-isomer (75%) by using acetonitrile or a hindered phosphine or towards the Z-isomer (83%) when an anion of low nucleophilicity is involved. These results can be related to the relative stability and reactivity of both syn- and anti-π-allyl complexes which are intermediates in the process.

IT **144150-91-4P 144150-92-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 144150-91-4 CAPLUS

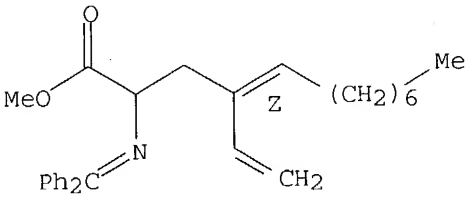
CN 4-Dodecenoic acid, 2-[(diphenylmethylene)amino]-4-ethenyl-, methyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 144150-92-5 CAPLUS
CN 4-Dodecenoic acid, 2-[(diphenylmethylene)amino]-4-ethenyl-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

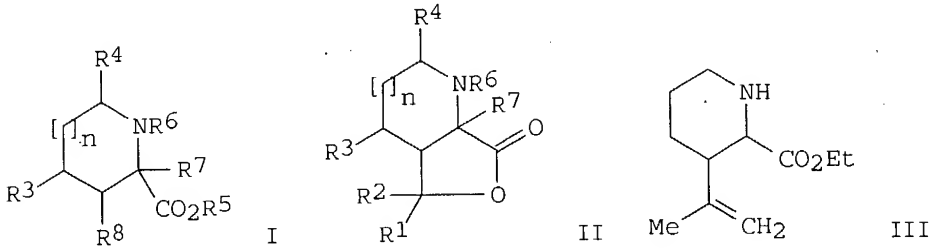
Double bond geometry as shown.



L4 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1991:81593 CAPLUS
DOCUMENT NUMBER: 114:81593
TITLE: Preparation of piperidinecarboxylates, their lactones, and analogs
INVENTOR(S): Tietze, Lutz F.; Bratz, Matthias
PATENT ASSIGNEE(S): Hoechst A.-G., Germany
SOURCE: Ger. Offen., 20 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3900332	A1	19900712	DE 1989-3900332	19890107

PRIORITY APPLN. INFO.: DE 1989-3900332 19890107
OTHER SOURCE(S): CASREACT 114:81593; MARPAT 114:81593
GI

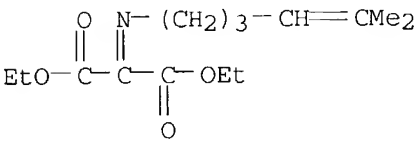


AB The title compds. [I and II; R1, R2, R4, R6 = H, alkyl; R3 = H, alkyl, Ph, alkoxyphenyl; R5 = alkyl, (un)substituted Ph, cyclohexyl; R7 = H, CO2R5; R8 = alkenyl; R3R8 = (CH2)4, atoms to complete a benzanellated (N-containing) ring, etc.; n = 0-2; 1 bond in N-containing ring may be unsatd.] were prepared as potentially biol. active compds. (no data) by condensation of R1R2C:CHCHR3(CH2)nCHR4NH2 with R7COCO2R5 and cyclization of product R1R2C:CHCHR3(CH2)nCHR4N:CR7CO2R5 with a Lewis or Broensted acid. Thus, Me2C:CH(CH2)3NH2 was stirred with OHCCO2Et in CH2Cl containing MgSO4 and the product stirred overnight with CF3SO2OSiMe3 in MeOCMe3 to give cis- and trans-isopropenylpiperidinecarboxylate III.

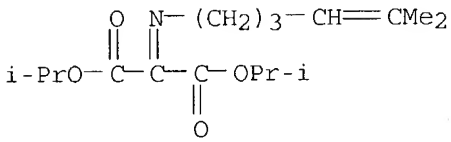
IT **119071-72-6 119071-73-7 131847-56-8**

RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in preparation and cyclization of (carboxymethylenimino)alkene)

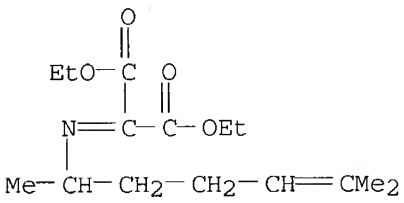
RN 119071-72-6 CAPLUS
CN Propanedioic acid, [(5-methyl-4-hexenyl)imino]-, diethyl ester (9CI) (CA INDEX NAME)



RN 119071-73-7 CAPLUS
CN Propanedioic acid, [(5-methyl-4-hexenyl)imino]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



RN 131847-56-8 CAPLUS
CN Propanedioic acid, [(1,5-dimethyl-4-hexenyl)imino]-, diethyl ester (9CI) (CA INDEX NAME)

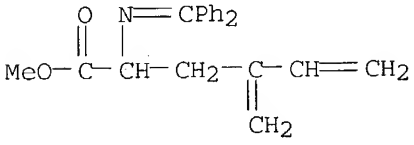


L4 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1990:179753 CAPLUS
DOCUMENT NUMBER: 112:179753
TITLE: Palladium-catalyzed synthesis of dienic α-amino acids from allenes
AUTHOR(S): Kopola, Nina; Friess, Beatrice; Cazes, Bernard; Gore, Jacques
CORPORATE SOURCE: Lab. Chim. Org. I, Univ. Claude Bernard, Villeurbanne, 69622, Fr.
SOURCE: Tetrahedron Letters (1989), 30(30), 3963-6
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 112:179753
AB 1,3-Dienic or styryl α-amino acid precursors RCH:CR1CH2CH(CO2Me)N:CPh2[I; R = H, Me(CH2)6, R1 = CMe:CH2; R = H, R1 = CH:CH2, Ph] and H2C:CR1CH2C(CO2Et)2NHAc (R1 = CH:CH2, Ph) are easily obtained through the catalytic carbopalladation of allenes followed by the trapping of the intermediate π-allyl complex with either LiCH(CO2Me)N:CPh2 or NaC(CO2Et)2NHAc. Hydrolysis and saponification of I (R = H)

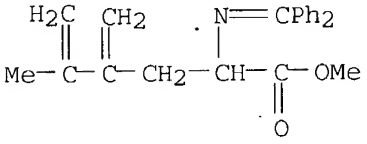
gave amino acids H2C:CR1CH2CH(NH2)CO2H.

IT **126385-55-5P 126385-56-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and acidic hydrolysis of)

RN 126385-55-5 CAPLUS
CN 5-Hexenoic acid, 2-[(diphenylmethylene)amino]-4-methylene-, methyl ester (9CI) (CA INDEX NAME)



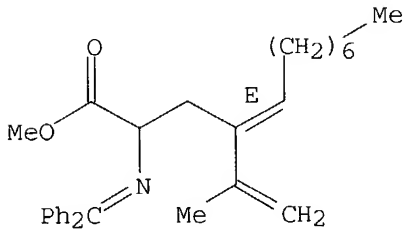
RN 126385-56-6 CAPLUS
CN 5-Hexenoic acid, 2-[(diphenylmethylene)amino]-5-methyl-4-methylene-, methyl ester (9CI) (CA INDEX NAME)



IT **126385-60-2P 126385-61-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

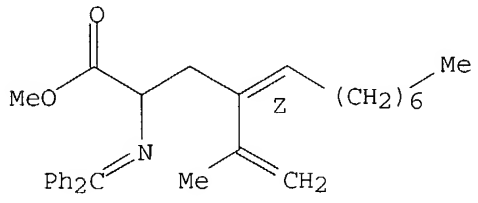
RN 126385-60-2 CAPLUS
CN 4-Dodecenoic acid, 2-[(diphenylmethylene)amino]-4-(1-methylethenyl)-, methyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

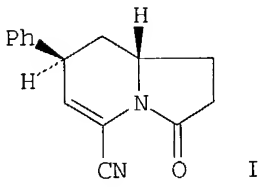


RN 126385-61-3 CAPLUS
CN 4-Dodecenoic acid, 2-[(diphenylmethylene)amino]-4-(1-methylethenyl)-, methyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1990:35640 CAPLUS
DOCUMENT NUMBER: 112:35640
TITLE: The Diels-Alder reaction of 1-azadienes. The effect of an α-cyano substituent
AUTHOR(S): Teng, Min; Fowler, Frank W.
CORPORATE SOURCE: Dep. Chem., State Univ. New York, Stony Brook, NY, 11794, USA
SOURCE: Tetrahedron Letters (1989), 30(19), 2481-4
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 112:35640
GI



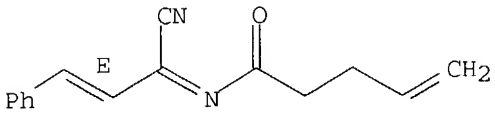
I

AB N-Acyl-α-cyano-1-azadienes are reactive and anti selective dienes in the intramol. hetero Diels-Alder reaction. Thus, heating PhCH:CHC(CN):NCOCH2CH2CH:CH2 in C6H6 gave adduct I.

IT **124643-72-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and intramol. Diels-Alder reaction of, stereochem. of)

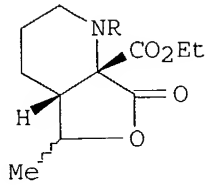
RN 124643-72-7 CAPLUS
CN 4-Pentenamide, N-(1-cyano-3-phenyl-2-propenylidene)-, (?,E)- (9CI) (CA INDEX NAME)

Double bond geometry as described by E or Z.



L4 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1990:7330 CAPLUS
DOCUMENT NUMBER: 112:7330
TITLE: Stereoselective electrophilic cyclization of doubly activated imines with allylsilanes and simple alkenes
AUTHOR(S): Tietze, Lutz F.; Bratz, Matthias; Pretor, Martina
CORPORATE SOURCE: Inst. Org. Chem., Univ. Goettingen, Goettingen, D-3400, Fed. Rep. Ger.
SOURCE: Chemische Berichte (1989), 122(10), 1955-61
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 112:7330

GI



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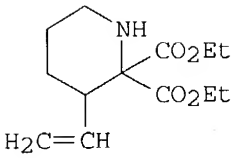

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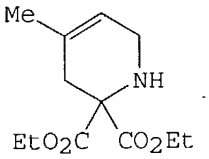
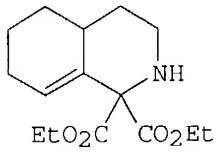


III



IV

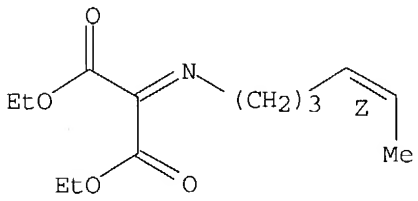
AB The trimethylsilyl triflate cyclization. of Z- and E-hexenyliminomalonates MeCH:CH(CH2)3N:C(CO2Et)2 with trimethylsilyl triflate stereoselectively affords the cis-annulated piperidine lactones I (R = H, Et) with complete retention of the double bond geometry. In contrast, the allylsilane H2C:SiMeC:CH(CH2)3N:C(CO2Et)2 leads exclusively to the vinyl piperidine II. Cyclization of the imines R1CH2CH2N:C(CO2Et)2 (R1 = H2C:CMe, 1-cyclohexen-1-yl) gives in high yield preferentially the tetrahydropyridine II and the octahydroisoquinoline III, resp.

IT **120788-33-2P 120788-34-3P 120788-35-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and intramol. stereoselective electrophilic cyclization. of)

RN 120788-33-2 CAPLUS

CN Propanedioic acid, (4-hexenylimino)-, diethyl ester, (Z)- (9CI) (CA INDEX NAME)

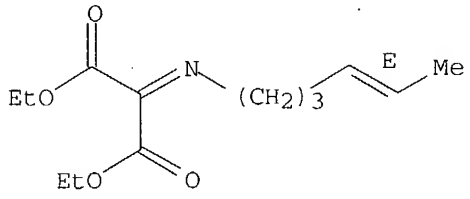
Double bond geometry as shown.



RN 120788-34-3 CAPLUS

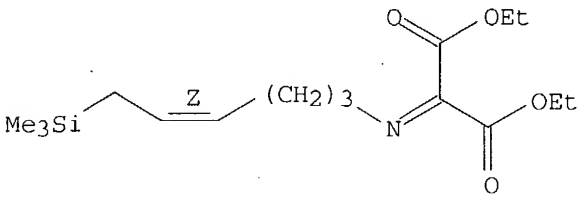
CN Propanedioic acid, (4-hexenylimino)-, diethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

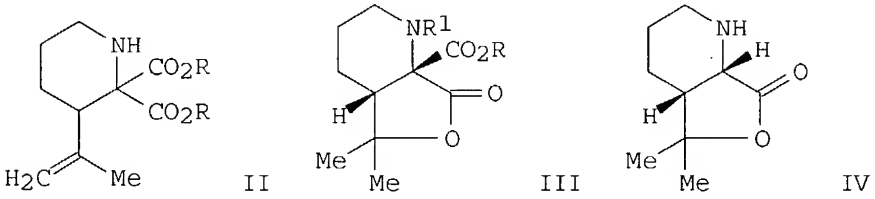


RN 120788-35-4 CAPLUS
CN Propanedioic acid, [[6-(trimethylsilyl)-4-hexenyl]imino]-, diethyl ester, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



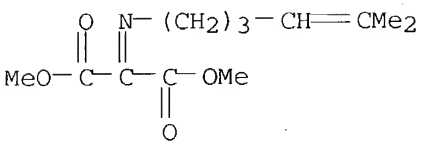
L4 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1989:231464 CAPLUS
DOCUMENT NUMBER: 110:231464
TITLE: Intramolecular electrophilic cyclization of double activated imines induced by Lewis acids and trialkylsilyl triflates. An efficient route to substituted piperidines and annulated piperidine lactones
AUTHOR(S): Tietze, Lutz F.; Bratz, Matthias
CORPORATE SOURCE: Inst. Org. Chem., Univ. Goettingen, Goettingen, D-3400, Fed. Rep. Ger.
SOURCE: Chemische Berichte (1989), 122(5), 997-1002
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 110:231464
GI



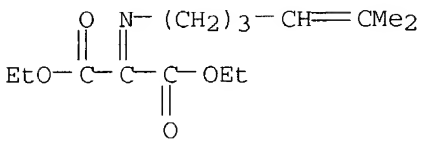
II III IV

AB Intramol. electrophilic cyclization of Me2C:CH(CH2)3N:C(CO2R)2 (I, R = Me, Et, Me2CH) using Lewis and Broensted acids as well as trialkylsilyl trifluoromethanesulfonates gives the piperidines II (R = Me, Et, Me2CH) and the annulated piperidine lactones III (R = Me, Et, Me2CH; R1 = H) and III (R = R1 = Me). I (R = Et) yields mostly II (R = Et) with the trialkylsilyl triflates and III (R = Et, R1 = H) with Lewis acids such as FeCl3 on Al2O3 or GaCl3. The reaction of I (R = Me, Me2CH) always results, using different methods, in the formation of the lactones III (R = Me, R1 = H; R = R1 = Me; R = H, R1 = Me2CH), resp. Treatment of III (R = Et, R1 = H) with aqueous base affords IV, a derivative of a cyclic nonproteinogenic α-amino acid.
IT **119071-71-5P 119071-72-6P 119071-73-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and intramol. electrophilic cyclization of, catalysts for)
RN 119071-71-5 CAPLUS
CN Propanedioic acid, [(5-methyl-4-hexenyl)imino]-, dimethyl ester (9CI) (CA

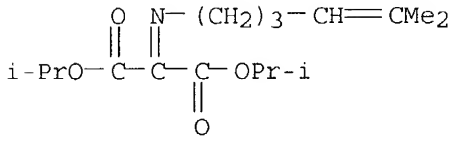
INDEX NAME)



RN 119071-72-6 CAPLUS
CN Propanedioic acid, [(5-methyl-4-hexenyl)imino]-, diethyl ester (9CI) (CA INDEX NAME)



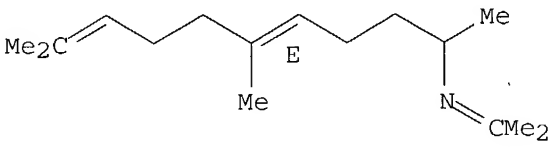
RN 119071-73-7 CAPLUS
CN Propanedioic acid, [(5-methyl-4-hexenyl)imino]-, bis(1-methylethyl) ester (9CI) (CA INDEX NAME)



L4 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1971:63453 CAPLUS
DOCUMENT NUMBER: 74:63453
TITLE: Compounds related to juvenile hormone. VII. Activity of selected nitrogen-containing terpenoid compounds on the yellow mealworm
AUTHOR(S): Schwarz, Meyer; Wakabayashi, Nobel; Sonnet, Philip E.; Redfern, R. E.
CORPORATE SOURCE: Entomol. Res. Div., Agric. Res. Serv., Beltsville, MD, USA
SOURCE: Journal of Economic Entomology (1970), 63(6), 1858-60
CODEN: JEENAI; ISSN: 0022-0493
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Numerous derivs. of isoprenoid amines were prepared and compared with the juvenile hormcne activity of several carbamates, such as I and II, in Tenebrio molitor to determine if the activity of the latter compds. was intrinsically related to carbamate functionality. Of the derivs. of terpenoid amines, the carbamates were the most active. No effect on activity was found when the middle double bond in I was saturated However, the Et carbamate derived from 3,7-dimethyl-2-octenylamine and the Et carbamate of 3,7-dimethyloctylamine showed juvenile hormone activity only at very high concns., indicating that a penultimate double bond or epoxide was necessary for activity at very low concns. The high activity of phenyl carbamates suggested the possibility of their use for insect control.

IT **31025-83-9**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(juvenile hormone activity of, in Tenebrio molitor)
RN 31025-83-9 CAPLUS
CN 4,8-Decadienylamine, N-isopropylidene-1,5,9-trimethyl-, (E)- (8CI) (CA INDEX NAME)

Double bond geometry as shown.



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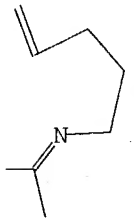

Structure attributes must be viewed using STN Express query preparation.

=>

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Day : Friday
Date: 4/23/2004
Time: 09:16:28

Inventor Name Search Result

Your Search was:

Last Name = JOHNSTON
First Name = JEFFREY

Application#	Patent#	Status	Date Filed	Title	Inventor Name 20
60293801	Not Issued	159	05/25/2001	METHOD AND SYSTEM FOR IDENTIFYING TEAM LOYALTY	JOHNSTON, JEFFREY LEE
60285631	Not Issued	159	04/20/2001	CHIRAL ORGANIC MOLECULES AND METAL COORDINATION COMPLEXES THEREOF	JOHNSTON, JEFFREY N.
60282011	Not Issued	159	04/06/2001	DESIGN OF AN ON-WAFER TEST STRUCTURE TO DETECT PROCESS-INDUCED HIGH FREQUENCY PARAMETRIC VARIATIONS THROUGH DC MEASUREMENTS	JOHNSTON, JEFFREY M.
29087492	D411119	150	05/04/1998	MASONRY GUIDE	JOHNSTON , JEFFREY
10689156	Not Issued	020	10/20/2003	CHIRAL ORGANIC COMPOUNDS AND METAL COORDINATION COMPLEXES THEREOF	JOHNSTON, JEFFREY N.
10687208	Not Issued	030	10/16/2003	AMINATION PROCESS	JOHNSTON, JEFFREY N.
10117378	Not Issued	041	04/04/2002	SEMICONDUCTOR TEST SYSTEM AND ASSOCIATED METHODS FOR WAFER LEVEL ACCEPTANCE TESTING	JOHNSTON, JEFFREY M.
09801269	6670479	150	03/07/2001	AMINATION PROCESS	JOHNSTON, JEFFREY N.
09704349	Not Issued	089	11/01/2000	METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR FACILITATING USER	JOHNSTON, JEFFREY M.

				CHOICES AMONG COMPLEX ALTERNATIVES USING CONJOINT ANALYSIS	
09394802	6329260	150	09/10/1999	ANALOG-TO-DIGITAL CONVERTER AND METHOD OF FABRICATION	JOHNSTON , JEFFREY
09323979	Not Issued	161	06/01/1999	HYBRID SURFACE MODIFICATION PROCESSES AND ARTICLES WITH TEXTURED OR PATTERNED SURFACES	JOHNSTON , JEFFREY M.
09314702	6121537	150	05/19/1999	GUITAR PICKUP SYSTEM FOR SELECTING FROM MULTIPLE GIBSON AND FENDER TONALITIES	JOHNSTON , JEFFREY R.
08999806	6493615	150	08/09/1999	VEHICLE DIAGNOSTIC SYSTEM	JOHNSTON, JEFFREY
08956413	6044217	150	10/23/1997	HIERARCHICAL METADATA STORE FOR AN INTEGRATED DEVELOPMENT ENVIRONMENT	JOHNSTON , JEFFREY G.
08950117	Not Issued	161	10/14/1997	AN OBJECT ORIENTED FRAMEWORK MECHANISM PROVIDING COMMON OBJECT RELATIONSHIP AND CONTEXT MANAGEMENT FOR MULTIPLE TOOLS	JOHNSTON , JEFFREY G.
08950116	6026401	150	10/14/1997	LOCKING TOOL DATA OBJECTS IN A FRAMEWORK ENVIRONMENT	JOHNSTON , JEFFREY G.
08739898	5994755	150	10/30/1996	ANALOG-TO-DIGITAL CONVERTER AND METHOD OF FABRICATION	JOHNSTON , JEFFREY
08391490	5481129	150	02/21/1995	ANALOG-TO-DIGITAL CONVERTER	JOHNSTON , JEFFREY M.
07785400	Not Issued	166	10/30/1991	ANALOG-TO-DIGITAL CONVERTER AND METHOD OF FABRICATION	JOHNSTON , JEFFREY M.
06506565	4531215	150	06/22/1983	VALIDITY CHECKING ARRANGEMENT FOR EXTENDED MEMORY MAPPING OF EXTERNAL DEVICES	JOHNSTON , JEFFREY J.

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name
Johnston	Jeffrey

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